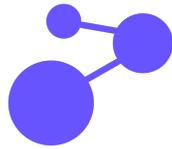


Masternode Deployment, Management and Pooling Service

January 28, 2019



NodeHost

Website - <https://nodehost.online>

Discord - <https://discord.gg/VRspZwV>

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Abstract

NodeHost is an automated, web-based masternode management service. NodeHost offers dedicated, shared, and server-only masternode hosting, and is creating the world's first all-in-one service for masternode governance management. Our proprietary system ensures that masternodes are automatically deployed and constantly online, while remaining secure and easily auditable. The NodeHost platform provides a sleek interface allowing users to maintain and analyze masternodes via a simple intuitive web portal. NodeHost is focused on optimizing masternode deployment and proof-of-stake mining in order to achieve maximum efficiency and the highest possible share of block rewards for its users. Additionally, NodeHost is building the world's first, user-friendly platform for masternode governance management so that users can easily participate in network consensus.

This document provides a detailed explanation of the NodeHost platform functionality, the integrated NODE cryptocurrency, and NodeHost's current and future plans within the blockchain and masternode industries. This paper is for informational purposes only and is not intended to be an introduction to cryptocurrency or masternodes. Additional learning resources about masternodes and cryptocurrency can be found on [NodeHost.Online](https://nodehost.online).

1 NodeHost Mission and Vision

Mission

NodeHost's mission is to provide the easiest to use, most dependable, and most secure platform available for masternode hosting, governance management, and block reward mining optimization.

Vision

Our vision is for NodeHost to eliminate the technical knowledge barriers required to participate in masternodes. We strive to make the concept and application of masternodes feasible and easily available to all people. We envision NodeHost being the all-in-one solution for masternode deployment, management, and optimization.

2 Masternodes Overview

Cryptocurrency Market Analysis

Cryptocurrency is a relatively new market that is currently dominated primarily by Bitcoin. The market capitalization of the cryptocurrency industry has experienced major growth over the last several years, reaching highs of nearly 800 billion in early 2018. Other popular cryptocurrencies include Ethereum, Litecoin, DASH, and Monero. There are currently more than 1,800 different cryptocurrencies available in over 13,000 different markets. Bitcoin's market dominance in the cryptocurrency sector has fallen from over 80 percent in early 2017. Currently, Bitcoin accounts for approximately 50 percent of the total market capitalization of all cryptocurrencies. Bitcoin's dominance has been decreasing over time as more investors diversify their portfolios to include alternative cryptocurrencies and other blockchain investments.

Masternodes Market Analysis

Masternode-based coins are a new and growing segment of the cryptocurrency market. Masternodes are a feature of certain cryptocurrencies which allow users to earn block rewards and participate in on-chain consensus by holding (collateralizing) coins and validating transactions on the network. The current total market capitalization of all masternode coins is below 2b, which means this segment represents less than 1 percent of the current total cryptocurrency market. Currently, there are over 400 masternode coin networks, with upwards of 228,000 active masternodes validating transactions. DASH dominates the masternode market in the same way that Bitcoin dominates the cryptocurrency market as a whole. DASH currently maintains 53 percent of the masternode

market share; however, DASH’s masternode market dominance has recently begun dropping as investors diversify their masternode coin holdings. Masternode coins are becoming a popular way to participate in network consensus and earn block rewards. The masternode market is growing rapidly, and hundreds of new masternodes are deployed daily. However, participating in masternodes is difficult for the average user. Until now, masternodes were only accessible to individuals with the technical experience required to configure them.



3 Platform Introduction

What is a Masternode?

A masternode is a blockchain network participant that receives a portion of the block reward for holding a set amount of collateral, verifying transactions on the blockchain, and actively participating in network consensus. Masternode coins design their ecosystems with significant incentives for holding masternode collateral and participating in the blockchain ecosystem.

Why run a Masternode?

Many coins are allocating large percentages of their total coin supply towards network participants who are willing to run masternodes. Running a masternode allows a user to transform their basic holdings into a collateralized network participant. This means that so long as the participant has the required collateral (as deemed by each coin), they can enable themselves to earn block rewards, and typically enable access to premium network features. This is all because the participants’ collateralized coins (masternodes) are now working to verify transactions on the blockchain.

Why doesn’t everyone run a Masternode?

Until now, running a masternode required a complicated setup process that was dependent on significant technical knowledge. Users are typically required to manage and deploy virtual private servers, install various applications, configure settings, operate the terminal using scripts, perform constant maintenance, the list goes on. In addition to technical considerations, there are financial barriers to obtaining masternodes. Masternode collateral in many cases requires access to a large amount of capital. These barriers make masternodes highly inaccessible to the average cryptocurrency investor.

Barriers to Entry - A Closer Look

Masternodes are a new, developing technology and require advanced network and server management knowledge to configure. They also require a set amount of collateral with no flexibility. Popular masternodes can become extremely expensive. These two problems highlight the major barriers to entry that have prevented masternodes from reaching widespread adoption. The two major barriers are 1) difficulty in setting up/maintaining masternodes and 2) obtaining the required capital to run a masternode. The NodeHost platform eliminates both of these barriers by offering automated masternode deployment/management and shared masternode pooling. A typical masternode setup process is as follows:

Basic Requirements

1. Download and build the coin's core wallet (sometimes only available as source code)
2. Send your deposit through the blockchain to create a masternode transaction output
3. Configure and start your masternode by filling out wallet configuration files

Security Requirements

1. Download and build the coin's core wallet again on a virtual private server (VPS), so your coins are not vulnerable to hackers
2. Secure the VPS beyond its default security configuration
3. Configure your masternode to your safety deposit by filling out wallet configuration files

Ongoing Requirements

1. Monitor your masternode to ensure it stays connected to the correct chain
2. Monitor that your masternode does not go offline
3. Locking and unlocking transactions when you want to withdraw your stake and shut down your masternode

NodeHost automates these processes, and makes masternodes easy and accessible to all users.

4 NodeHost Services Detailed

Full Service Masternode Hosting

NodeHost will automatically configure and launch your masternode for you. The user simply deposits coins to their NodeHost account address and clicks “launch masternode”. All earned rewards go to the user’s account address.

Server-Only Hosting

If you prefer to manage your own wallet, NodeHost offers Server-Only Hosting. Select your coin and deploy a server that will fully configure your masternode for you. Rewards go directly to your personal wallet.

Shared Masternode Pooling

NodeHost will provide the ability for users to join a masternode pool for any coin on the platform. Pools are split into fifths (five 20 percent slots), and users have the option to purchase multiple slots. The user will receive rewards live based on their share of the node.

5 NodeHost Coin (NODE)

NodeHost NODE Coin (NODE) is a cryptocurrency layer integrated into the NodeHost Platform. Using NodeHost’s cryptocurrency layer is not required and all essential hosting features of NodeHost will be available to all users. Paying

in NODE Coin will provide discounted hosting and management fees. Holding one or more NODE masternode(s) will qualify the user into NodeHost Pro. NodeHost Pro will grant users access to additional platform bonuses and features including increased discounts layer, higher referral rewards, preferred platform queue times, access to beta programs, access to NodeHost Pro chatroom and more.

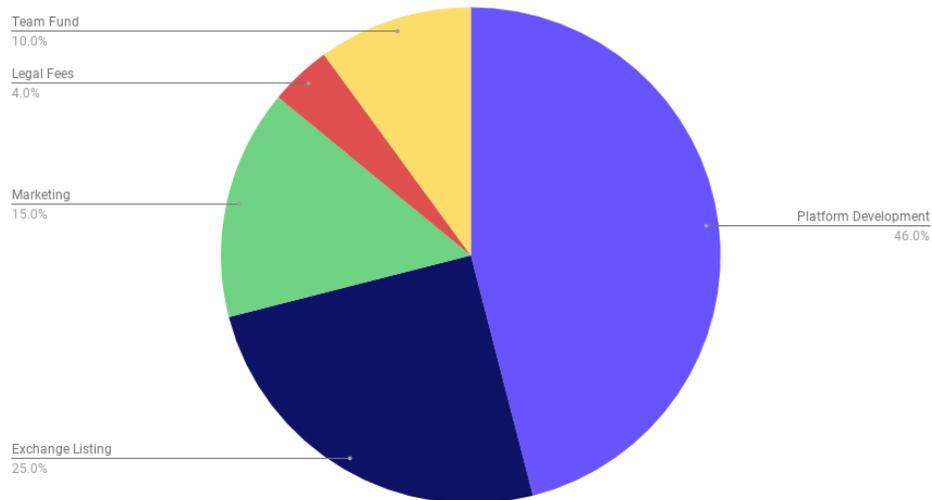
NODE Coin will serve as the backbone to the NodeHost transactional ecosystem. Paying platform fees in NODE coin triggers discounted access to all NodeHost services. The NODE cryptocurrency is the medium of exchange for all conversions on the platform and acts as a settlement layer for various functionalities. NODE coin will be paid out constantly to users benefitting from NodeHost's referral program. NodeHost's payment systems, masternode management protocol, and referral programs are all designed to create automated transactions using NODE. This will not only provide more functionality and better record keeping to NODE's blockchain and the NodeHost platform, but additionally drive more block rewards to NODE miners (holders of NODE) as the platform scales.

Coin Specifications	
Algorithm	Quark (MN + POS)
Max supply	25,000,000
Blocktime	60 seconds
Premine	2.88% (720,000 NODE)
Masternode Collateral	5,000 NODE
Block Rewards	50% MN, 48% POS, 2% Platform/server fees

Block	Block Reward	# Blocks	# Days	Coins Released	Total Coins	Total Nodes	ROI Start	ROI End
0	1	10,000	7	730,000	730,000	146		
10,000	25	40,000	28	1,000,000	1,730,000	346	2400.00%	1012.72%
50,000	15	50,000	35	750,000	2,480,000	496	607.63%	423.87%
100,000	10	150,000	104	1,500,000	3,980,000	796	282.58%	176.08%
250,000	5	250,000	174	1,250,000	5,230,000	1046	88.04%	67.00%
500,000	4	500,000	347	2,000,000	7,230,000	1446	53.60%	38.77%
1,000,000	3	1,000,000	694	3,000,000	10,230,000	2046	29.08%	20.55%
2,000,000	2	4,270,000	2,965	8,540,000	18,770,000	3754	13.70%%	7.47%
6,270,000	1	6,230,000	4,326	6,230,000	25,000,000	5000	3.73%	2.80%
12,500,000								

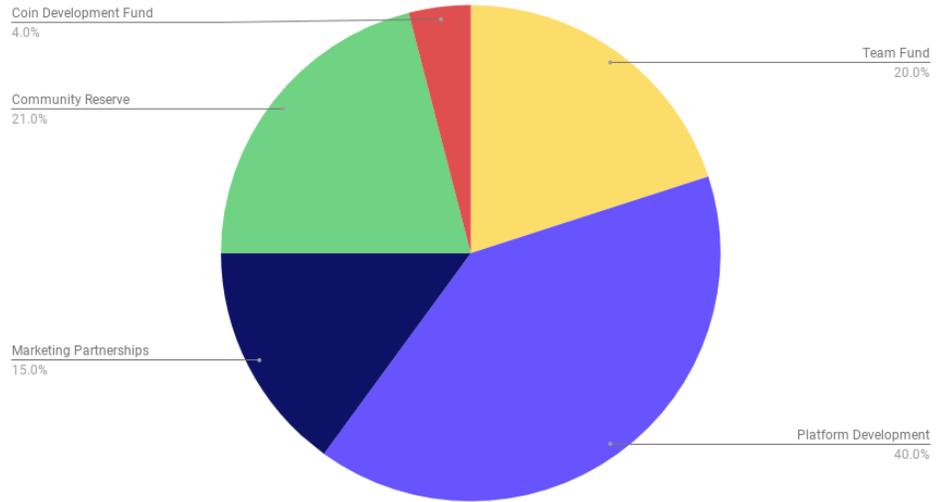
6 NodeHost Pro Sale - BTC Allocation

NodeHost PRO Sale - BTC Allocation



7 Platform Fund Breakdown

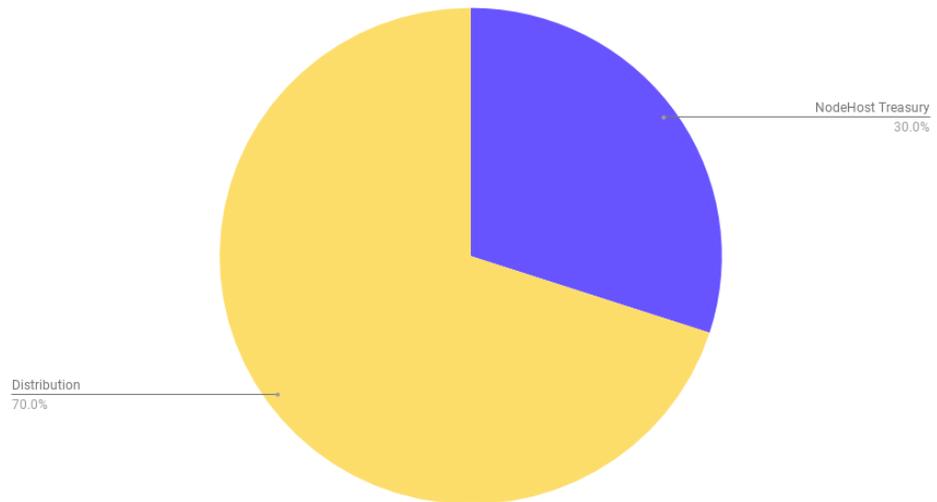
Platform Fund - 44 Masternodes



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8 Premine Breakdown

NODE Premine - 144 Masternodes



9 The Future of NodeHost

NodeHost is focused on building the most comprehensive, all-in-one masternode management system. Automated masternode hosting is just the first step in our plan to make masternodes more efficient and accessible. We believe that masternodes are a very promising consensus feature with great potential to revolutionize governance and on-chain decision making. In addition to our three main hosting features, we will be focused on solving some of the most cutting-edge problems with masternode technology.

Masternode Governance Management

On-chain governance is one of the most promising features of masternode technology. Masternodes enable decentralized governance on the blockchain, and are used to vote on budget proposals and major decisions about the future of the chain. Any masternode holder can submit their own masternode governance proposal or vote on a current proposal. However, currently masternode governance is rarely used, because it faces the same problems as masternode hosting. Even some of the most mature masternode projects, such as DASH and PIVX, still have yet to enable masternode governance on a regular basis. The current interface for performing masternode governance is not user friendly. Similar to the barriers of masternode hosting, participating in masternode governance requires coding and wallet knowledge, as well as a hosting infrastructure to make the wallet accessible to submit votes and proposals. The masternode governance process can be effectively cleaned up and streamlined by NodeHost via integration on our platform. NodeHost is creating a solution that will offer masternode governance management services to all masternode users - even those who do not wish to use NodeHost for masternode hosting. This functionality will have wide applicability, and, as the technology develops, capture more value from the masternode community than hosting alone.

Mining Optimization

Masternode and proof-of-stake mining require coins as collateral, and having a larger balance of coins means a miner will earn significantly higher mining rewards. NodeHost is focused on optimization of the masternode deployment and mining process. Efficient masternode and proof-of-stake mining requires constant wallet management in order to maximize the efficiency of coin distribution for block extraction. An automated system is required in order to maximize the efficiency of this management process. Without an automated system, there is a major manual component that needs to be managed on a daily basis.

NodeHost's system is designed to optimize mining by automatically performing wallet management in order to maximize masternode and proof-of-stake mining rewards.

10 NodeHost 2018 - 2019 Roadmap

